Activity 9.1: Using GitHub

**Learning Outcome Addressed:**

1. Use GitHub for version control.

In this activity, you will be required to download the Jupyter Notebook file [MIT.ipynb](https://classroom.emeritus.org/courses/6255/files/1895150/download" \o "MIT.ipynb) on your local machine and demonstrate your understanding of GitHub and its commands.

To complete the activity, perform the following steps:

1. Using your personal GitHub account, create a repository named “PCDE-Activity 9.1”.
2. Clone your repository to your local computer and add the Jupyter Notebook to it.
3. *Push* the file to the remote repository.
4. Open your local instance of Jupyter Notebook and edit the MIT.ipynb file to remove any errors. There are three obvious mistakes in the file. Make sure you fix them all. Add any additional file you may need to your repository to ensure that the content of the Notebook renders as expected.
5. *Commit*and*push* your changes to the remote repository and ensure that everything works as expected.
6. Optional: If you want to experiment further, select the README.md file in your remote repository and try to edit it so it displays “Repository for Activity 9.1” as a Markdown header.
7. Ensure that your repository is set to be public so your Learning Facilitator can mark your submission. Instructions about how to do so can be found at this link: [How to Make a GitHub Repository Public Links to an external site.](https://docs.github.com/en/repositories/managing-your-repositorys-settings-and-features/managing-repository-settings/setting-repository-visibility).
8. Submit the website URL to your GitHub repository.

Additional Details:

* Submission instructions: Submit the website URL to your GitHub repository.
* Estimated time: 60 min

*This is a required activity and counts toward course completion.*

Rúbrica

**Activity 9.1**

| Activity 9.1 | | |
| --- | --- | --- |
| **Criterios** | **Calificaciones** | **Pts** |
| Este criterio depende de una competencia de aprendizajeCreate the repository | |  |  | | --- | --- | | **2 pts**  **Complete**  The repository has been created. | **0 pts**  **Incomplete**  The repository has not been created. | | 2 pts |
| Este criterio depende de una competencia de aprendizajeClone the repository and add the Notebook file. | |  |  | | --- | --- | | **3 pts**  **Complete**  The repository has been cloned and the Notebook file has been added. | **0 pts**  **Incomplete**  The repository has not been cloned and the Notebook file has not been added. | | 3 pts |
| Este criterio depende de una competencia de aprendizajePush the Notebook remotely. | |  |  | | --- | --- | | **2 pts**  **Complete**  The Notebook has been pushed remotely. | **0 pts**  **Incomplete**  The Notebook has not been pushed remotely. | | 2 pts |
| Este criterio depende de una competencia de aprendizajeEdit the Notebook. | |  |  | | --- | --- | | **5 pts**  **Complete**  The Notebook has been edited correctly. | **0 pts**  **Incomplete**  The Notebook has not been edited correctly. | | 5 pts |
| Este criterio depende de una competencia de aprendizajeCommit and push the changes remotely. | |  |  | | --- | --- | | **4 pts**  **Complete**  Commit and push commands have been executed remotely. | **0 pts**  **Incomplete**  Commit and push commands have not been executed remotely. | | 4 pts |
| Este criterio depende de una competencia de aprendizajeMake the repository public. | |  |  | | --- | --- | | **4 pts**  **Complete**  The repository has been made public. | **0 pts**  **Incomplete**  The repository has not been made public. | | 4 pts |
| Puntos totales: 20 | | |